

Title (en)

Superconductive tape coils.

Title (de)

Supraleitende bandförmige Spulen.

Title (fr)

Bobines supraconductrices sous forme de feuillard.

Publication

EP 0413573 B1 19951108 (EN)

Application

EP 90308965 A 19900815

Priority

US 39563589 A 19890817

Abstract (en)

[origin: EP0413573A1] A superconductive tape coil comprises a superconductive foil (15) and first and second foils (17) of current conducting material. The first and second foils are soldered symmetrically about said superconductive foil to form the superconductive tape (13). The tape is wound in helical layers forming a coil. Adjacent turns of the tape are electrically insulated (23) from one another. A strip of electrically conductive foil (31) is situated between layers of tape and electrically isolated therefrom. The strip of electrically conductive foil encloses the inner layers of the tape, with the ends of the strip joined together to form an electrically conductive loop. The coil is epoxy resin impregnated.

IPC 1-7

H01F 6/00

IPC 8 full level

H01F 6/04 (2006.01); **H01F 6/06** (2006.01)

CPC (source: EP US)

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